

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT			ATTY. DOCKET NO. 101960-200		SERIAL NO. N/A	
			APPLICANT: M. C. Buenemann, Jr. et al.			
			FILING DATE Herewith		GROUP N/A 1742	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL*	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPR.
<i>Gu</i>	224,858	Feb. 24, 1880	H. J. Wintherlich et al.			
	RE 21,500	July 2, 1940	I. Rennerfelt	75	28	
	RE 23,538	Aug. 26, 1952	R. R. Hancox et al.	18	2.6	
	2,201,900	May 21, 1940	B. M. S. Kalling et al.	148	16	
	2,289,897	July 14, 1942	C. C. Balke et al.	75	22	
	2,330,038	Sep. 21, 1943	J. F. Ervin	83	91	
	2,366,371	Jan. 2, 1945	N. K. G. Tholand	75	28	
	2,381,023	Aug. 7, 1945	J. Wulff	266	9	
	2,402,441	June 18, 1946	L. H. Paddle	83	91	
	2,411,073	Nov. 12, 1946	L. F. Whitney	75	22	
	2,498,769	Feb. 28, 1950	J. H. Ramage	75	22	
	2,758,360	Aug. 14, 1956	Shelter et al.	29	1.22	
	2,816,466	Dec. 17, 1957	Galdfelter et al.	78	1	
	2,867,554	Jan. 6, 1959	L. P. Wilson et al.	148	3	
	2,974,031	Mar. 7, 1961	L. P. Wilson et al.	75	5	
	3,150,224	Sept. 1, 1960	N. A. Libman	266	5	
	3,201,289	Aug. 17, 1965	O. L. Stewart	148	13	
	3,204,320	Sept. 7, 1965	Eckstein et al.	29	1.22	
	3,325,277	June 13, 1967	R. A. Huseby	75	5	
	3,333,987	Aug. 1, 1967	C. F. Schrader et al.	148	2	
	3,597,188	Aug. 3, 1971	N. Neumann	75	.5BA	
	3,668,024	June 6, 1972	M. Johnson	148	126	
	3,687,654	Aug. 29, 1972	R. A. Huseby	75	.5BA	
	3,725,142	Apr. 3, 1973	R. A. Huseby	148	16	
	3,764,295	Oct. 9, 1973	P. F. Lindskog et al.	75	.5BA	
	3,786,753	Jan. 22, 1974	G. R. Eckstein et al.	102	42	
	3,887,402	June 3, 1975	Y. Kondo et al.	148	126	
	3,900,317	Aug. 19, 1975	F. W. Meadus et al.	75	211	
	3,903,761	Sep. 9, 1975	L. A. Runton	76	101	
	3,951,035	Apr. 20, 1976	N. Dautzenberg et al.	86	10	
	3,965,962	June 29, 1976	T. Tanaka et al.	164	55	
	3,987,730	Oct. 26, 1976	F. W. Meadus et al.	102	42	
	4,023,985	May 17, 1977	F. J. Dunkerley	148	3	
<i>Gu</i>	4,035,116	July 12, 1977	J. L. O'Brien	425	10	

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		APPLICANT: M. C. Buenemann, Jr. et al.				
		FILING DATE Herewith		GROUP 444 1742		
U.S. PATENT DOCUMENTS						
Gw	4,124,377	Nov. 7, 1978	U. R. Larson	75	.5C	
	4,402,884	Sep. 6, 1983	S. Koike et al.	264	8	
	4,448,746	May 15, 1984	T. Kubo et al.	419	31	
	4,820,362	Apr. 11, 1989	A. L. Baldi	149	2	
	5,095,831	Mar. 17, 1992	D. Mauzy	102	448	
	5,408,931	Apr. 25, 1995	H. A. Tallman	102	439	
Gw	5,511,449	Apr. 30, 1996	J. J. Feigenbaum	75	341	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No
Gw	24 53 881	Nov. 13, 1973	Germany			Yes
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)						
	DOCUMENT NO.	DESCRIPTION				
Gw		Ed Lowry, "The Status of Non-Toxic Shotshells", American Rifleman, March 1999, pages 48-51, 71				
		Erwin Industries, Erwin AMASTEEL Brochure, Pages 3-4, Date Unknown				
		Erwin Industries, Erwin AMASTEEL Display Card, Date Unknown				
		Roster, T., "Winchester's New Inexpensive Steel", Sporting Clays, March, 2000, pages 24 and 25				
		Beszny, L.P., "Winchester Shotshells 2000 A field Review", Wildfowl The Magazine for Duck & Goose Hunters, Vol. 15, No. 4 (February/March 2000), pages 52-54				
		Mazour, M., "Why Are Winchester Xpert Steel Loads Less Expensive?" www.outdoorsite.com/products/mazouir-win-xpert.html (printed November 1, 1999)				
		Bourjaily, P., "Steel Shot Update", Field and Stream Online www.fieldandstream.com.huntinggunsbowsammo/fssteelshot.html (March 17, 2000)				
		Mann, M-J. et al., "Shot Pellets: An Overview", AFTE Journal, Vol. 26, No. 3 (July, 1994) pages 223-241				
		ANSI/SAAMI Z229.2-1992, American National Standard Voluntary Industry Performance Standards for Pressure and Velocity of Shotshell Ammunition for the Use of Commercial Manufacturers - "Definition of Lead & Steel Shot Hardness", page 35, American National Standards Institute, Inc. 1996				
Gw		"Compositions of Standard Steels", The Metals handbook, Volume 1-Properties and Selection of Metals, The American Society for Metals, 8 th edition 1969, page 62				
EXAMINER:		Gy. Czupka		DATE CONSIDERED: 12/11/02		
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

FORM PTO 1449
SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

(Use several sheets if necessary)

Docket Number (Optional):
101960-200

Serial Number:
09/901,849

Applicant:
Morris C. Buenemann, Jr. et al.

Confirmation Number:
1534

Filing Date:
July 9, 2001

Group Art Unit:
1742

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
GW	2,670,281	02/23/1954	Hutchison	51	309	4/20/1953

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS

[illegible]

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